





Sheet	_1	of	1

	•		-UAL						OPPICE
	PTO-1449	** 0	DEDARTMENT	OF	COMMERCE	PATENT	AND	TRADEMARK	OFFICE
Form	PTO-1449	υ. 5.	DEPARTIME	• -					
-(REV	2-83)							•	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY

SERIAL NO.

FILING DATE

APPLICANT

DOCKET NO.

09/989,436 11/21/2001 1741

Masato Yoshikawa et al

U.S. PATENT DOCUMENTS

GROUP

		TI.S. PAT	ENT DOCOMENTS			
EXAMINER	DOCUMENT	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
INITIAL*	NUMBER			178	KARI	03/28/96
h	5,986,223	11/16/99	Kim	178	10.01	
					ļ	
					<u> </u>	·
		<u> </u>				

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
EXAMINER	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-C LASS	TRANSLATION YES NO
Mui	00/16251	03/23/00	PCT			Х
pho	307				<u> </u>	
	_				<u> </u>	
						•

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

OTHER	DOCUMENTS (Including Author, Title, Editor, Publications Ltd., DATABASE WPI, 06/10/1999, Derwent Publications Ltd., XP002189122, Noda Kazuhiro,
The	Jp2000 351170
Mu	DATABASE WPI, 01/22/1987, Derwent Publications London, GB; AN1988-246767, XP002189123, BRIDGESTON, JP63 179937
	FEBZIVED
	DATE CONSIDERED C 1

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.